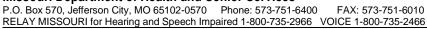
Missouri Department of Health and Senior Services





Jeremiah W. (Jay) Nixon Governor

September 22, 2009

IMPORTANT NEWBORN SCREENING ANNOUNCEMENT

In response to changes in the new PerkinElmer Congenital Adrenal Hyperplasia (CAH) test kit, 17 – hydroxyprogesterone (17-OHP) cutoff values have been reevaluated for CAH reporting. These cutoff values become effective <u>October 5, 2009</u> (see below).

NEW CAH CUTOFF VALUES

Birth Weight	<u>High Risk</u>	Borderline Risk
≥ 2500 grams	≥ 75 ng/ml	30 - 74 ng/ml
1500 – 2499 grams	≥ 75 ng/ml	45 - 74 ng/ml
< 1500 grams	≥ 155 ng/ml	90 - 154 ng/ml

OLD CAH CUTOFF VALUES

Birth Weight	High Risk	Borderline Risk
≥ 2250 grams	≥ 100 ng/ml	65 – 99 ng/ml
1750 – 2249 grams	≥ 135 ng/ml	80 – 134 ng/ml
1250 – 1749 grams	≥ 150 ng/ml	115 – 149 ng/ml
< 1250 grams	$\geq 250 \text{ ng/ml}$	150 – 249 ng/ml

If you have questions or comments, please contact:

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